## SEQUENCE LISTING

	(1) GE	NERAL INFORMATION:
5	(i)	APPLICANT: Ashkenazi et al.
	(ii)	TITLE OF INVENTION: RTD Receptor
1.0	(iii)	NUMBER OF SEQUENCES: 5
10	(iv)	CORRESPONDENCE ADDRESS:  (A) ADDRESSEE: Genentech, Inc.  (B) STREET: 1 DNA Way  (C) CITY: South San Francisco  (D) STATE: California  (E) COUNTRY: USA  (F) ZIP: 94080
20 [] [] [-	(v)	COMPUTER READABLE FORM:  (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  (B) COMPUTER: IBM PC compatible  (C) OPERATING SYSTEM: PC-DOS/MS-DOS  (D) SOFTWARE: WinPatin (Genentech)
20 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	(vi)	CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: (B) FILING DATE: (C) CLASSIFICATION:
30 <u>7</u> + 4.5	(viii)	ATTORNEY/AGENT INFORMATION: (A) NAME: Marschang, Diane L. (B) REGISTRATION NUMBER: 35,600 (C) REFERENCE/DOCKET NUMBER: P1129R1
350		TELECOMMUNICATION INFORMATION: (A) TELEPHONE: 650/225-5416 (B) TELEFAX: 650/952-9881
		FORMATION FOR SEQ ID NO:1:
40	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 386 amino acids  (B) TYPE: Amino Acid  (D) TOPOLOGY: Linear
45	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:1:
	Met G	ly Leu Trp Gly Gln Ser Val Pro Thr Ala Ser Ser Ala Arg 5 10 15
50	Ala G	ly Arg Tyr Pro Gly Ala Arg Thr Ala Ser Gly Thr Arg Pro

	Trp	Leu	Leu	Asp	Pro 35	Lys	Ile	Leu	Lys	Phe 40	Val	Val	Phe	Ile	Val 45
5	Ala	Val	Leu	Leu	Pro 50	Val	Arg	Val	Asp	Ser 55	Ala	Thr	Ile	Pro	Arg 60
	Gln	Asp	Glu	Val	Pro 65	Gln	Gln	Thr	Val	Ala 70	Pro	Gln	Gln	Gln	Arg 75
10	Arg	Ser	Leu	Lys	Glu 80	Glu	Glu	Cys	Pro	Ala 85	Gly	Ser	His	Arg	Ser 90
15	Glu	Tyr	Thr	Gly	Ala 95	Cys	Asn	Pro	Cys	Thr 100	Glu	Gly	Val	Asp	Tyr 105
13	Thr	Ile	Ala	Ser	Asn 110	Asn	Leu	Pro	Ser	Cys 115	Leu	Leu	Cys	Thr	Val 120
200	Cys	Lys	Ser	Gly	Gln 125	Thr	Asn	Lys	Ser	Ser 130	Cys	Thr	Thr	Thr	Arg 135
	Asp	Thr	Val	Cys	Gln 140	Cys	Glu	Lys	Gly	Ser 145	Phe	Gln	Asp	Lys	Asn 150
25回	Ser	Pro	Glu	Met	Cys 155	Arg	Thr	Cys	Arg	Thr 160	Gly	Cys	Pro	Arg	Gly 165
	Met	Val	Lys	Val	Ser 170	Asn	Cys	Thr	Pro	Arg 175	Ser	Asp	Ile	Lys	Cys 180
307工厂可以	Lys	Asn	Glu	Ser	Ala 185	Ala	Ser	Ser	Thr	Gly 190	Lys	Thr	Pro	Ala	Ala 195
<u>自</u> 35阿	Glu	Glu	Thr	Val	Thr 200	Thr	Ile	Leu	Gly	Met 205	Leu	Alạ	Ser	Pro	Tyr 210
	His	Tyr	Leu	Ile	Ile 215	Ile	Val	Val	Leu	Val 220	Ile	Ile	Leu	Ala	Val 225
40	Val	Val	Val	Gly	Phe 230	Ser	Cys	Arg	Lys	Lys 235	Phe	Ile	Ser	Tyr	Leu 240
45	Lys	Gly	Ile	Cys	Ser 245	Gly	Gly	Gly	Gly	Gly 250	Pro	Glu	Arg	Val	His 255
43	Arg	Val	Leu	Phe	Arg 260	Arg	Arg	Ser	Cys	Pro 265	Ser	Arg	Val	Pro	Gly 270
50	Ala	Glu	Asp	Asn	Ala 275	Arg	Asn	Glu	Thr	Leu 280	Ser	Asn	Arg	Tyr	Leu 285
	Gln	Pro	Thr	Gln	Val	Ser	Glu	Gln	Glu	Ile	Gln	Gly	Gln	Glu	Leu

	290 295 300
5	Ala Glu Leu Thr Gly Val Thr Val Glu Xaa Pro Glu Glu Pro Gln 305 310 315
5	Arg Leu Leu Glu Gln Ala Glu Ala Glu Gly Cys Gln Arg Arg 320 325 330
10	Leu Leu Val Pro Val Asn Asp Ala Asp Ser Ala Asp Ile Ser Thr 335 340 345
	Leu Leu Asp Ala Ser Ala Thr Leu Glu Glu Gly His Ala Lys Glu 350 355 360
15	Thr Ile Gln Asp Gln Leu Val Gly Ser Glu Lys Leu Phe Tyr Glu 365 370 375
20 <i>i</i> =	Glu Asp Glu Ala Gly Ser Ala Thr Ser Cys Leu 380 385 386
20 <u>万</u>	(2) INFORMATION FOR SEQ ID NO:2:
25	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 2082 base pairs</li> <li>(B) TYPE: Nucleic Acid</li> <li>(C) STRANDEDNESS: Single</li> <li>(D) TOPOLOGY: Linear</li> </ul>
307	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
Ė.	CCAACTGCAC CTCGGTTCTA TCGATTGAAT TCCCCGGGGA TCCTCTAGAG 50
	ATCCCTCGAC CTCGACCCAC GCGTCCGGAA CCTTTGCACG CGCACAAACT 100
35頃	ACGGGGACGA TTTCTGATTG ATTTTTGGCG CTTTCGATCC ACCCTCCTCC 150
40	CTTCTC ATG GGA CTT TGG GGA CAA AGC GTC CCG ACC GCC 189  Met Gly Leu Trp Gly Gln Ser Val Pro Thr Ala  1 5 10
45	TCG AGC GCT CGA GCA GGG CGC TAT CCA GGA GCC AGG ACA 228 Ser Ser Ala Arg Ala Gly Arg Tyr Pro Gly Ala Arg Thr 15 20
±3	GCG TCG GGA ACC AGA CCA TGG CTC CTG GAC CCC AAG ATC 267 Ala Ser Gly Thr Arg Pro Trp Leu Leu Asp Pro Lys Ile 25 30 35
50	CTT AAG TTC GTC GTC TTC ATC GTC GCG GTT CTG CTG CCG 306 Leu Lys Phe Val Val Phe Ile Val Ala Val Leu Leu Pro 40 45 50

			TCT Ser 55					345	
5			ACA Thr					384	
10			GAG Glu					423	
15			GGA Gly					462	
20[			ATT Ile					501	
			GTT Val 120					540	
25归			ACG Thr					579	
30 <sup>°</sup> U			TTC Phe					618	
子 口 35頃			AGA Arg					657	
40			TGT Cys					696	
40			GCT Ala 185					735	
45			ACA Thr					774	
50			CAC His					813	

						TTT Phe 230			852
5						ATC Ile			891
10						AGA Arg			930
15						CCT Pro			969
2015						AAC Asn			1008
20 <u>0</u>						ATC Ile 295			1047
25 E. E. E.						GTA Val			1086
30						GCA Ala			1125
是 百 35阻						CCA Pro			1164
4.0						CTG Leu			1203
40						GAA Glu 360			1242
45						TTT Phe			1281
50					TCC Ser		TGAA	AAG 1	.320

AATCTCTTCA GGAAACCAGA GCTTCCCTCA TTTACCTTTT CTCCTACAAA 1370 GGGAAGCAGC CTGGAAGAAA CAGTCCAGTA CTTGACCCAT GCCCCAACAA 1420 ACTCTACTAT CCAATATGGG GCAGCTTACC AATGGTCCTA GAACTTTGTT 1470 5 AACGCACTTG GAGTAATTTT TATGAAATAC TGCGTGTGAT AAGCAAACGG 1520 GAGAAATTTA TATCAGATTC TTGGCTGCAT AGTTATACGA TTGTGTATTA 1570 10 AGGGTCGTTT TAGGCCACAT GCGGTGGCTC ATGCCTGTAA TCCCAGCACT 1620 TTGATAGGCT GAGGCAGGTG GATTGCTTGA GCTCGGGAGT TTGAGACCAG 1670 15 CCTCATCAAC ACAGTGAAAC TCCATCTCAA TTTAAAAAGA AAAAAAGTGG 1720 TTTTAGGATG TCATTCTTTG CAGTTCTTCA TCATGAGACA AGTCTTTTTT 1770 TCTGCTTCTT ATATTGCAAG CTCCATCTCT ACTGGTGTGT GCATTTAATG 1820 20 ACATCTAACT ACAGATGCCG CACAGCCACA ATGCTTTGCC TTATAGTTTT 1870 Ų <u>|</u> TTAACTTTAG AACGGGATTA TCTTGTTATT ACCTGTATTT TCAGTTTCGG 1920 الله ا 25顷 ATATTTTGA CTTAATGATG AGATTATCAA GACGTACCCC TATGCTAAGT 1970 CATGAGCATA TGGACTTACG AGGGTTCGAC TTAGAGTTTT GAGCTTTAAG 2020 ATAGGATTAT TGGGGGCTTA CCCCCACCTT AATTAGAAGA AACATTTTAT 2070 30년 ATTGCTTTAC TA 2082 |=

- (2) INFORMATION FOR SEQ ID NO:3:
  - (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 50 base pairs
    - (B) TYPE: Nucleic Acid
    - (C) STRANDEDNESS: Single
    - (D) TOPOLOGY: Linear

  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
- CATAAAAGTT CCTGCACCAT GACCAGAGAC ACAGTGTGTC AGTGTAAAGA 50
- (2) INFORMATION FOR SEO ID NO:4:
  - (i) SEOUENCE CHARACTERISTICS:
    - (A) LENGTH: 24 base pairs
    - (B) TYPE: Nucleic Acid
    - (C) STRANDEDNESS: Single
    - (D) TOPOLOGY: Linear

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(xi) SEO	UENCE	DESCRIPTION:	SEO	ID	NO:4:
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CTTCAGGAAA CCAGAGCTTC CCTC 24

5 (2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 24 base pairs

  - (B) TYPE: Nucleic Acid (C) STRANDEDNESS: Single
  - (D) TOPOLOGY: Linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

TTCTCCCGTT TGCTTATCAC ACGC 24